

APPLICANT FACSIMILE OF FORM PTO-1449

REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

GIN-005

09/027,205

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT

June, C.H. et al.

FILING DATE

February 20, 1998

GROUP

1644

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes NO
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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

26	AC	Alkhatib, G. et al. "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1" <i>Science</i> 272:1955-1958 (1996);
	AD	Åsjö, B. et al. "A Novel Mode of Human Immunodeficiency Virus Type 1 (HIV-1) Activation: Ligation of CD28 Alone Induces HIV-1 Replication in Naturally Infected Lymphocytes" <i>Journal of Virology</i> 67(7):4395-4398 (1993);
	AE	Baca, L.M. et al. "Regulation of Interferon- α -Inducible Cellular Genes in Human Immunodeficiency Virus-Infected Monocytes" <i>Journal of Leukocyte Biology</i> 55:299-309 (1994);
	AF	Baier, M. et al. "HIV Suppression by Interleukin-16" <i>Nature</i> 378:563 (1995);
	AG	Barker, T.D. et al. "Identification of Multiple and Distinct CD8 ⁺ T Cell Suppressor Activities" <i>The Journal of Immunology</i> 156:4476-4483 (1996);
	AH	Beyers, A.D. et al. "Molecular Associations Between the T-Lymphocyte Antigen Receptor Complex and the Surface Antigens CD2, CD4, or CD8 and CD5" <i>Immunology</i> 89:2945-2949 (1992);
	AI	Brand, D. et al. "Determinants of Human Immunodeficiency Virus Type 1 Entry in the CDR2 Loop of the CD4 Glycoprotein" <i>Journal of Virology</i> 69(1):166-171 (1995);
	AJ	Breitmeyer, J.B. et al. "The T11 (CD2) Molecule is Functionally Linked to the T3/Ti T Cell Receptor in the Majority of T Cells" <i>The Journal of Immunology</i> 139:2899 (1987);
	AK	Ceuppens, J.L. and Baroja, M.L. "Monoclonal Antibodies to the CD5 Antigen Can Provide the Necessary Second Signal for Activation of Isolated Resting T Cells by Solid-Phase-Bound OKT3" <i>The Journal of Immunology</i> 137:1816-1821 (1986);
	AL	Choe, H. et al. "The β -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates" <i>Cell</i> 85:1135-1148 (1996);
	AM	Cocchi, F. et al. "Identification of RANTES, MIP-1 α , and MIP-1 β as the Major HIV-Suppressive Factors Produced by CD8 ⁺ T Cells" <i>Science</i> 270:1811-1815 (1995);
	AN	Conlon, K. et al. "CD8 ⁺ and CD45RA ⁺ human Peripheral Blood Lymphocytes are Potent Sources of Macrophage Inflammatory Protein 1 α , Interleukin-8 and RANTES" <i>Eur. J. Immunol.</i> 25:751-756 (1995);
	AO	Dean, M. et al. "Genetic Restriction of HIV-1 Infection and Progression to AIDS by a Deletion Allele of the CKR5 Structural Gene" <i>Science</i> 273:1856-1862 (1996);
M	AP	Deng, H. et al. "Identification of a Major Co-Receptor for Primary Isolates of HIV-1" <i>Nature</i> 381:661-666 (1996);

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Philip G. G... 11/31/01
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Date Considered

*EXAMINER

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT June, C.H. et al.	
		FILING DATE February 20, 1998	GROUP 1644

U.S. PATENT DOCUMENTS

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BA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BB					

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

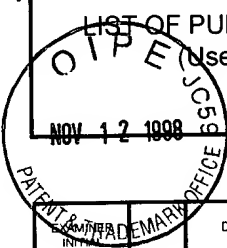
BC	Doranz, B.J. et al. "A Dual-Tropic Primary HIV-1 Isolate That Uses Fusin and the β -Chemokine Receptors CKR-5, CKR-3, and CKR-2b as Fusion Cofactors" <i>Cell</i> 85 :1149-1158 (1996);
BD	Dragic, T. et al. "HIV-1 Entry Into CD4 ⁺ Cells is Mediated by the Chemokine Receptor CC-CKR-5" <i>Nature</i> 381 :667-673 (1996);
BE	Fauci, A.S. "Host Factors and the Pathogenesis of HIV-Induced Disease" <i>Nature</i> 384 :529-534 (1996);
BF	Feng, Y. et al. "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-Transmembrane, G Protein-Coupled Receptor" <i>Science</i> 272 :872-877 (1996);
BG	Gartner, S. et al. "The Role of Mononuclear Phagocytes in HTLV-III/LAV Infection" <i>Science</i> 233 :215-219 (1986);
BH	Geppert, T.D. et al "Activation of Human T4 Cells by Cross-Linking Class I MHC Molecules" <i>The Journal of Immunology</i> 140 :2155-2164 (1988);
BI	Geppert, T.D and Lipsky, P.E. "Activation of T Lymphocytes by Immobilized Monoclonal Antibodies to CD3: Regulator Influences of Monoclonal Antibodies to Additional T Cell Surface Determinants" <i>J. Clin. Invest.</i> 81 :1497-1505 (1988);
BJ	Hansen, J.A. et al. "Monoclonal Antibodies Identifying a Novel T-Cell Antigen and Ia Antigens of Human Lymphocytes" <i>Immunogenetics</i> 10 :247-260 (1980);
BK	June, C.H. et al. "The B7 and CD28 Receptor Families" <i>Immunology Today</i> 15 (7):321-331 (1994);
BL	June, C.H. et al. "T-Cell Proliferation Involving the CD28 Pathway Is Associated with Cyclosporine-Resistant Interleukin 2 Gene Expression" <i>Molecular and Cellular Biology</i> 7 (12):4472-4481 (1987);
BM	Kabat, D. et al. "Differences in CD4 Dependence for Infectivity of Laboratory-Adapted and Primary Patient Isolates of Human Immunodeficiency Virus Type 1" <i>Journal of Virology</i> 68 (4):2570-2577 (1994);
BN	Kinter, A.L. et al. "Interleukin 2 Induces CD8 ⁺ T Cell-Mediated Suppression of Human Immunodeficiency Virus Replication in CD4 ⁺ T Cells and this Effect Overrides Its Ability to Stimulated Virus Expression" <i>Proc. Natl. Acad. Sci. USA</i> 92 :10985-10989 (1995);
BO	Kollmann, T. R. et al. "Inhibition of Acute <i>in vivo</i> Human Immunodeficiency Virus Infection by Human Interleukin 10 Treatment of SCID Mice Implanted with Human Fetal Thymus and Liver" <i>Proc. Natl. Acad. Sci. USA</i> 93 :3126-3131 (1996);

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CB						

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NO OR	CC	Lai, J-H and Tan, T-H. "CD28 Signaling Causes a sustained Down-Regulation of IκBα Which Can Be Prevented by the Immunosuppressant Rapamycin" <i>The Journal of Biological Chemistry</i> 269(48):30077-30080 (1994);
	CD	Ledbetter, J.A. et al. "Antibodies to Tp67 and Tp44 Augment and Sustain Proliferative Responses of Activated T Cells" <i>The Journal of Immunology</i> 135(4):2331-2336 (1985);
	CE	Ledbetter, J.A. et al. "An Immunoglobulin Light Chain Dimer with CD4 Antigen Specificity" <i>Mol. Immunol.</i> 24:1255-1261 (1987);
	CF	Ledbetter, J.A. et al. "Role of CD2 Cross-Linking in Cytoplasmic Calcium Responses and T Cell Activation" <i>Eur. J. Immunol.</i> 18:1601-1608 (1988);
	CG	Ledbetter, J.A. et al. "Signal Transduction Through CD4 Receptors: Stimulatory vs. Inhibitory Activity is Regulated by CD4 Proximity to the CD3/T Cell Receptor" <i>Eur. J. Immunol.</i> 18:525-532 (1988);
	CH	Levine, B.L. et al. "Antiviral Effect and Ex Vivo CD4 ⁺ T Cell Proliferation in HIV-Positive Patients as a Result of CD28 Costimulation" <i>Science</i> 272:1939-1943 (1996);
	CI	Levine, B.L. et al. "CD28 Ligands CD80 (B7-1) and CD86 (B7-2) Induce Long-Term Autocrine Growth of CD4 ⁺ T Cells and Induce Similar Patterns of Cytokine Secretion <i>in vitro</i> " <i>International Immunology</i> 7(6):891-904 (1995);
	CJ	Liu, R. et al. "Homozygous Defect in HIV-1 Coreceptor Accounts for Resistance of Some Multiply-Exposed Individuals to HIV-1 Infection" <i>Cell</i> 86:367-377 (1996);
	CK	Loetscher, P. et al. "Interleukin-2 Regulates CC Chemokine Receptor Expression and Chemotactic Responsiveness in T Lymphocytes" <i>J. Exp. Med.</i> 184:569-577 (1996);
	CL	Los, M. et al. "Inhibition of Activation of Transcription Factor AP-1 by CD28 Signalling in Human T-Cells" <i>Biochem. J.</i> 302:119-123 (1994);
	CM	Mackewicz, C.E. et al. "CD8 ⁺ T Cells Suppress Human Immunodeficiency Virus Replication by Inhibiting Viral Transcription" <i>Proc. Natl. Acad. Sci. USA</i> 92:2308-2312 (1995);
	CN	Martin, P.J. et al. "A New Human T-Cell Differentiation Antigen: Unexpected Expression on Chronic Lymphocytic Leukemia Cells" <i>Immunogenetics</i> 11:429-439 (1980);
MA	CO	Mascola, J.R. et al. "Two Antigenically Distinct Subtypes of Human Immunodeficiency Virus Type 1: Viral Genotype Predicts Neutralization Serotype" <i>The Journal of Infectious Diseases</i> 169:48-54 (1994);
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DB						

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DC	Meylan, P.R.A. et al. "Mechanisms for the Inhibition of HIV Replication by Interferons- α , - β , and - γ in Primary Human Macrophages" <i>Virology</i> 193:138-148 (1993);
DD	Minty, A. et al. "Interleukin-13 is a New Human Lymphokine Regulating Inflammatory and Immune Responses" <i>Nature</i> 362:248-250 (1993);
DE	Montaner, L.J. et al. "Interleukin 13 Inhibits Human Immunodeficiency Virus Type 1 Production in Primary Blood-Derived Human Macrophages In Vitro" <i>J. Exp. Med.</i> 178:743-747 (1993);
DF	Paxton, W.A. et al. "Relative Resistance to HIV-1 Infection of CD4 Lymphocytes from Persons Who Remain Uninfected Despite Multiple High-Risk Sexual Exposures" <i>Nature Medicine</i> 2(4):412-417 (1996);
DG	Pinchuk, L.M. et al. "The Role of CD40 and CD80 Accessory Cell Molecules in Dendritic Cell-Dependent HIV-1 Infection" <i>Immunity</i> 1:317-325 (1994);
DH	Poli, G. et al. "Interferons in the Pathogenesis and Treatment of Human Immunodeficiency Virus Infection" <i>Antiviral Research</i> 24:221-233 (1994);
DI	Schrezenmeier, H. and Fleischer, B. "A Regulatory role for the CD4 and CD8 Molecules in T Cell Activation" <i>The Journal of Immunology</i> 141(2):398-403 (1988);
DJ	Schwarz, M. et al. "High-Level IL-10 Production by Monoclonal Antibody-Stimulated Human T Cells" <i>Immunology</i> 86:364-371 (1995);
DK	Smithgall, M.D. et al. "Costimulation of CD4 ⁺ T Cells via CD28 Modulates Human Immunodeficiency Virus Type 1 Infection and Replication In Vitro" <i>AIDS Research and Human Retroviruses</i> 11(8):885-892 (1995);
DL	Spira, A.I. and Ho, D.D. "Effect of Different Donor Cells on Human Immunodeficiency Virus Type 1 Replication and Selection In Vitro" <i>Journal of Virology</i> 69(1):422-429 (1995);
DM	Thompson, C.B. et al. "CD28 Activation Pathway Regulates the Production of Multiple T-Cell-Derived Lymphokines/Cytokines" <i>Proc. Natl. Acad. Sci. USA</i> 86:1333-1337 (1989);
DN	Vahey, M.T. and Wong, M.T. "Quantitative Liquid Hybridization PCR Method Employing Storage Phosphor Technology" <i>PCR Primer: A Laboratory Manual</i> . C.W. Dieffenbach and G.S. Dveksler, eds. Cold Spring Harbor Laboratory Press:313-338 (1995);
DO	Wainberg, M.A. et al. "Differential Susceptibility of Human Lymphocyte Cultures to Infection by HIV" <i>Clin. Exp. Immunol.</i> 70:136-142 (1987);
DP	Walker, C.M. et al. "CD8 ⁺ Lymphocytes Can Control HIV Infection in Vitro by Suppressing Virus Replication" <i>Science</i> 234:1563-1566 (1986);

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	EB						

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EC	Weissman, D. et al. "Interleukin 10 Blocks HIV Replication in Macrophages by Inhibiting the Autocrine Loop of Tumor Necrosis Factor α and Interleukin 6 Induction of Virus" <i>AIDS Research and Human Retroviruses</i> 10(10):1199-1206 (1994).
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